#### 05/02/2017 504348425

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4395113

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
SEBASTIAN J. BAUER	09/01/2016
ARIAN BEHZADI	09/14/2016
JONATHAN R. DASCOLA	09/09/2016
CHRISTOPHER P. FOSS	09/14/2016
DAVID C. GRAHAM	10/17/2016
CHANAKA G. KARUNAMUNI	09/13/2016

### **RECEIVING PARTY DATA**

Name:	APPLE INC.
Street Address:	1 Infinite Loop
City:	Cupertino
State/Country:	CALIFORNIA
Postal Code:	95014

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15272341

### **CORRESPONDENCE DATA**

Fax Number: (650)843-4001

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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beverly.gemello@morganlewis.com Email:

GARY S. WILLIAMS **Correspondent Name:** 

Address Line 1: MORGAN, LEWIS & BOCKIUS LLP

Address Line 2: 1400 PAGE MILL ROAD

Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	063266-7430-US
NAME OF SUBMITTER:	GARY S. WILLIAMS
SIGNATURE:	/Gary S. Williams/
DATE SIGNED:	05/02/2017

# **Total Attachments: 6**source=P31047USC2\_Assignment\_7430US#page1.tif source=P31047USC2\_Assignment\_7430US#page2.tif source=P31047USC2\_Assignment\_7430US#page3.tif source=P31047USC2\_Assignment\_7430US#page4.tif

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### ASSIGNMENT

WHEREAS, WE, SEBASTIAN J. BAUER, citizen of Germany, residing in San Francisco, CA; ARIAN BEHZADI, citizen of the United States of America, residing in San Francisco, CA; JONATHAN R. DASCOLA, citizen of the United States of America, residing in San Francisco, CA; CHRISTOPHER P. FOSS, citizen of the United States of America, residing in San Francisco, CA; DAVID C. GRAHAM, citizen of the United States of America, residing in San Jose, CA, ASSIGNORS, are the Invention in DEVICES, METHODS, AND GRAPHICAL USER INTERFACES FOR MANIPULATING USER INTERFACE OBJECTS WITH VISUAL AND/OR HAPTIC FEEDBACK, described in application for a Patent of the United States
which is executed on even date herewith which is identified by Morgan, Lewis & Bockius LLP docket no. P31047USC2/63266-7430-US which was filed on, Application No which claims priority on U.S. Provisional Patent Application No(s). 62/349,096, 62/215,722, 62/213,609, and 62/203,387 We hereby authorize and request our attorney, Gary S. Williams, of Morgan, Lewis & Bockius LLP, to insert here in parenthesis (Application number 15/212,344 , filed 09/24/2016) the filing date and application number of said application when known.
nd WHEREAS, <b>APPLE INC.</b> , ASSIGNEE, having a place of business at 1 Infinite Loop, Cupertino, California 95014, s desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, let it be known that for and in consideration of the sum of One Dollar (\$1.00) to me paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and any substitute applications thereof; the said United States provisional patent application(s), if any, on which the said United States application claims priority; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application and said United States provisional patent application(s), if any, under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicated and all forms of industrial property protection, including, without limitation, patents, utility models, inventors certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and my Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence of orms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its uccessors, legal representatives and assigns, in accordance with the terms of this instrument.
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and hat we have not executed, and will not execute, any agreement in conflict herewith.
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors egal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, signal lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally to everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective ignatures.
Date September 1, 2016  Sebastian J. Bauer  L.S.
DateL.S.  Arian Behzadi

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# ASSIGNMENT

of t of A San invo <b>M</b> A	WHEREAS, WE, SEBASTIAN J. BAUER, citizen of Germany, residing in San Francisco, CA: HZADI, citizen of the United States of America, residing in San Francisco, CA; JONATHAN R. DASCOI the United States of America, residing in San Francisco, CA; CHRISTOPHER P. FOSS, citizen of the United States of America, residing in San Francisco, CA; DAVID C. GRAHAM, citizen of the United States of America, a Jose, CA; and CHANAKA G. KARUNAMUNI, citizen of Canada, residing in San Jose, CA, ASSIGNOI entors of the invention in DEVICES, METHODS, AND GRAPHICAL USER INTERFACE ANIPULATING USER INTERFACE OBJECTS WITH VISUAL AND/OR HAPTIC FEEDBACK, deapplication for a Patent of the United States	LA, citizen lited States residing in RS, are the ES FOR
	which is executed on  even date herewith	
	which is identified by Morgan, Lewis & Bockius LLP docket no. P31047USC2/63266-7430-US	
	which was filed on . Application No.	
	which was filed on, Application No which claims priority on U.S. Provisional Patent Application No(s). 62/349,096, 62/215,722, 62/213,609, ar 62/203,387	
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and is d	WHEREAS, APPLE INC., ASSIGNEE, having a place of business at 1 Infinite Loop, Cupertino, Califor desirous of obtaining our entire right, title and interest in, to and under the said invention and the said applicate	nia 95014, tion:
AS over and and series appropriately appropriately any appropriately app	NOW, THEREFORE, let it be known that for and in consideration of the sum of One Dollar (\$1.00) to other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we SIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and into dunder the said invention, and the said United States application and all divisions, renewals and continuation any substitute applications therefore, and all Patents of the United States which may be granted there are successors thereof; the said United States provisional patent application(s), if any, on which the states application claims priority; and all applications for industrial property protection, including, without limited States for patents, utility models, and designs which may hereafter be filed for said invention in any untries foreign to the United States, together with the right to file such applications and the right to claim for a priority rights derived from said United States application and said United States provisional patent application application and agreement or the domestic laws of the country in which any such application is filed, olicable; and all forms of industrial property protection, including, without limitation, patents, utility models tificates and designs which may be granted for said invention in any country or countries foreign to the United states and reissues thereof;	re, the said afer and set erest in, to on thereof con and all said United itation, all country on country on cation(s), if Property, or as may be inventors nited States
for	AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United y Official of any country or countries foreign to the United States, whose duty it is to issue patents or other ems of industrial property protection on applications as aforesaid, to issue the same to the said ASSI accessors, legal representatives and assigns, in accordance with the terms of this instrument.	evidence of
tha	AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein as at we have not executed, and will not execute, any agreement in conflict herewith.	signed, and
leg all do pro	AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its gal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proce lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, an everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain a oper protection for said invention in all countries.	successors eding, sign d generally and enforce
sig	IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our matures.	r respective
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Da	L.S.	
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f	MORGAN, LEWIS & BOCKIUS LLP DOCKET NO. P31047USC2/63266-7430-U	S
Date 9.9.66	Jonathan R. Dascola	
Date	L.S.  Christopher P. Foss	
Date	David C. Graham	
Date	L.S.  Chanaka G. Karunamuni	

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Date		L.S.
	Jonathan R. Dascola	L.S.
Date	Christopher P. Foss	_L.S
Date	David C. Graham	L.S
	Chanaka G. Karunamuni	

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## MORGAN, LEWIS & BOCKIUS LLP DOCKET NO. P31047USC2/63266-7430-US

Date	Jonathan R. Dascola	L.S.
Date		L.S.
Date 10/17/14	Christopher P. Foss  David C. Graham	L.S.
Date	Chanaka G. Karunamuni	L.S.

# MORGAN, LEWIS & BOCKIUS LLP DOCKET NO. P31047USC2/63266-7430-US

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Jonathan R. Dascola	
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David C Graham	L.S.
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	Christopher P. Foss

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